



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090718

Mode: Highway

Status: Submitted

(New Route)

From/Cross Street: US 421

Specific Improvement Type: 5 - Construct Roadway on New Location

To: Piner Road

Project Category: Division Needs

Length: 1.19

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,098,000

Description:

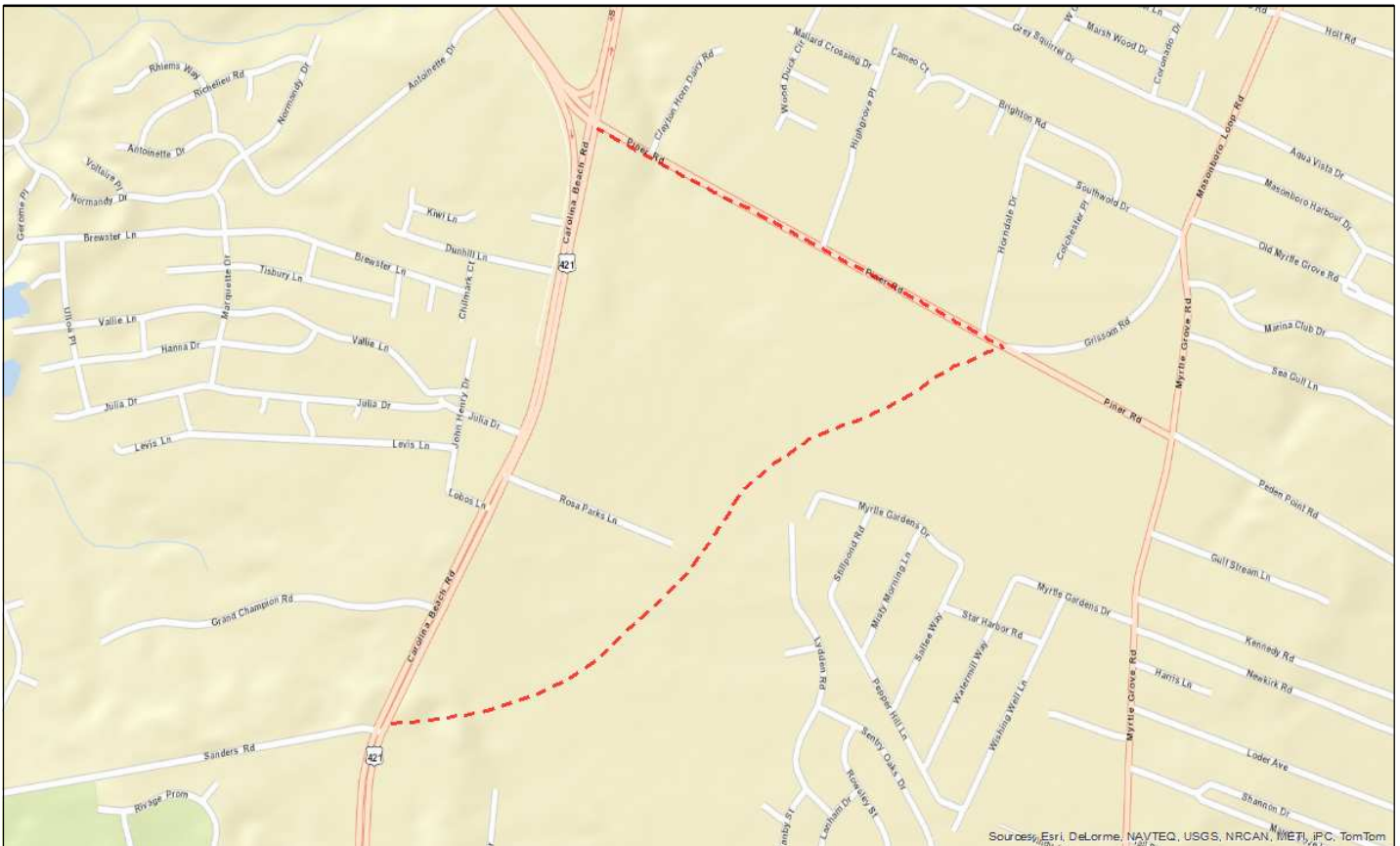
Construct a New Route on New Location from Carolina Beach Road (US 421) to Piner Road

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 47.92 Safety (20%) 22.75 Multimodal + [Freight & Military] (10%) 0.00 Totals: Weight: 50% Weighted Score: 14.13	Percent: 25% Points:	Percent: 25% Points:

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	11417.42
Capacity:	15800.07
Volume/Capacity Ratio:	0.72
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	34.12
Crash Severity:	11.36
Critical Crash Rate:	22.76
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	30
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	45
Length (miles):	1.19
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	3068389.74
Travel Time Savings for 30 Years (Autos):	3068389.74
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$5,928,000	TIP Unit
Right-of-Way Cost:	\$1,045,000	Cost Estimation Tool
Utilities Cost:	\$125,000	Cost Estimation Tool
Total Project Cost:	\$7,098,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,098,000	